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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 46107-0068 First Inventor Guoming G. Zhu Ionization Detection System Architectu Minimize PCM Pin Count Title

(Only for nev	w nonprovisional applications under 37 CFR 1.53(b))	Express	Mail Label		ET 12:	2 668 386 US	
See MPEP	APPLICATION ELEMENTS P chapter 600 concerning utility patent application of	contents.	,	ADDRESS TO:	Commis P. O. Bo	p Patent Application isloner for Patents ix 1450 Iria VA 22313-1450	PTO
, V (S	ee Transmittal Form (e.g., PTO/SB/17) Submit an original, and a duplicate for fee processi Applicant claims small entity status. iee 37 CFR 1.27.	ing)		Computer Progotide and/or Ami icable, all necessal	jram <i>(Ap</i> ino Acid ry)	Sequence Submission	S.U.S.
4.	Newly executed (original or copy) Copy from a prior application (37 CF (for continuation/divisional with Box 18 columns) i. DELETION OF INVENTOR(S) Signed statement attached deletinamed in the prior application, se 1.63(d)(2) and 1.33(b). pplication Data Sheet. See 37 CFR 1.76 DNTINUING APPLICATION, check appropriate attached and sheet under 37 CFR 1.76:	3] FR 1.63(d)) mpleted) S) ng inventor(se 37 CFR te box, and se ation-in-pare	9.	Specification S i. CD- ii. Pap Statement Pap 37 CFR 3.73(b) (when there is an attempt of the specific Copy of the foreign priority is Nonpublication If (b)(2)(B)(i). Apport its equivalent. Other: Group / Arapplication, from	ROM or er nts verify on the verify on the verify on the verify on the verify of the verification of the verificati	cD-R (2 copies); or ying identity of above copie PLICATION PARTS yer sheet & document(s)) ent Power of Attorn ument (if applicable) Copies of IDS Citations d (MPEP 503) zed) y Document(s) under 35 U.S.C. 122 ust attach form PTO/SB/35 a preliminary amendment,	ney
reference. Th	e incorporation can only be relied upon when a	a portion ha	s been inadvert	ently omitted fron	n the sub	mitted application parts.	<u>а ву</u>
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Signati	"" LIGHTAL A / Y. MULLEL				Date	MADE 3 7005 /	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAI Application Number for FY 2003 Filing Date Effective 01/01/2003. Patent fees are subject to annual revision. First Named Inventor Guoming G. Zhu Applicant claims small entity status. See 37 CFR 1.27 Examiner Name Group Art Unit TOTAL AMOUNT OF PAYMENT $x > \varsigma$ \$790.00 Attorney Docket No. 46107-0068 METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Check Credit card Money Other Order 3. ADDITIONAL FEES arge Entity Small Entity Deposit Account: Fee Fee Fee Description Fee Paid Deposit Code Code Account 04-1061 65 Surcharge - late filing fee or oath 1051 130 2051 Number Surcharge - late provisional filing fee or cover 1052 2052 50 25 Deposit Account Dickinson Wright PLLC 1053 130 1053 130 Non - English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination The Director is authorized to: (check all that apply) Requesting publication of SIR prior to Examiner Credit any overpayments 1804 920 1804 920* Charge fee(s) indicated below action Charge any additional fee(s) during the pendency of this application 1805 1,8401 1805 1,8401 Requesting publication of SIR after Examiner action Charge fee(s) indicated below, except for the filing fee 55 Extension for reply within first month 1251 110 2251 to the above-identified deposit account 205 Extension for reply within second month 1252 410 2252 **FEE CALCULATION** 465 Extension for reply within third month 1253 930 2253 1. BASIC FILING FEE 725 Extension for reply within fourth month 1,450 1254 2254 arge Entity | Small Entity Fee Fee Fee Fee Description 1255 1,970 2255 Extension for reply within fifth month Fee Paid Code (\$) Code (\$) 320 2401 160 Notice of Appeal 1401 1001 750 2001 Utility filing fee 750.00 375 2402 160 Filing a brief in support of an appeal 320 1402 1002 330 2002 165 Design filing Request for oral hearing 1403 280 2403 1003 520 2003 Plant filing fee Petition to institute a public use proceeding 1451 1,510 1451 1,510 1004 750 2004 375 Reissue filing 1452 110 2452 Petition to revive - unavoidable 1005 160 2005 Provisional filing fee 1453 1,300 2453 Petition to revive - unintentional SUBTOTAL (1) \$750.00 1501 1.300 2501 Utility issue fee (or reissue) 2. EXTRA CLAIM FEES FOR UTILITY AND 470 2502 235 Design issue fee 1502 Fee from Fee Paid Extra Claims below 1503 630 2503 315 Plant issue fee 20 -20** = <u>o</u>] xi 18.00 = 0.00 130 Petitions to the Commissioner 1460 130 1460 Independent Claims 0 X 84.00 = 0.00 50 Processing fee under 37 CFR § 1.17(q) 1807 50 1807 Multiple Dependent Submission of Information Disclosure 1806 180 1806 180 Large Entity | Small Entity Statement Fee Fee Code (\$) Fee Description 8021 40 8021 Recording each patent assignment per property 40.00 Code (\$) (times number of properties) 18 2202 Filing a submission after final rejection (37 CFR § 1.129(a)) 1202 9 Claims in excess of 20 1809 750 2809 375 1201 2201 Independent claims in excess of 3 For each additional invention to be examined 1810 750 2810 2203 140 Multiple dependent claim, if not paid 1203 280 (37 CFR § 1.129(b)) Request for Continued Examination (RCE) 2204 ** Reissue independent claims 1801 750 2801 1204 84 over original patent 1802 900 1802 Request for expedited examination 1205 18 2205 ** Reissue claims in excess of 20 of a design application and over original patent Other fee (specify) SUBTOTAL (2) \$0.00

SUBMITTED BY					Complete (if applicable)		
Name (Print/Type)	Douglas A. Mullen	Registration No. (Attorney/Agent)	38,569	Telephone	202-457-0160		
Signature	Douglas a. Make			Date	Avorst 5, 2003		

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